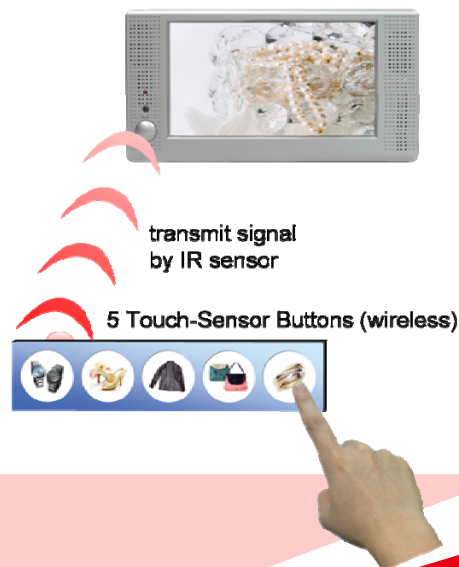


EYEZONE PO70-IOx

User Manual



FCC Notices

It's herewith confirmed to comply with the requirements of FCC Part 15 Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generated uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio of television reception, which can be determined by turning the equipment off or on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

CE Declaration

This device complies with CE class B.

*EN55013

EN61000-3-2

EN61000-3-3

EN55020

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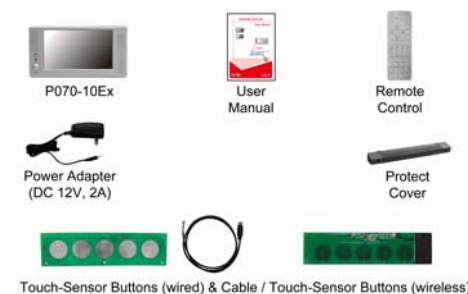
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CONTENTS

1. Package Contents.....	1
2. Introduction.....	1
3. Features.....	1
4. Hardware Overview.....	2
4.1 Installing the Protect Cover.....	2
5. Remote Control.....	3
6. Setting Up.....	4
6.1 SLIDE SETUP.....	4
6.2 MUSIC SETUP.....	4
6.3 MOVIE SETUP.....	4
6.4 SLIDESHOW SETUP.....	5
6.5 PREFERENCE.....	5
7. Using the P070-10Ex.....	6
7.1 Play Picture File.....	6
7.2 Play Music File.....	7
7.3 Play Movie File.....	8
7.4 File Library.....	9
7.5 Hot Key.....	9
8. Using the Touch-Sensor Buttons.....	10
8.1 Demo Files.....	10
8.2 Connect to the Touch-Sensor Buttons.....	10
8.3 Play the Demo File.....	10
9. Troubleshooting.....	12

1. PACKAGE CONTENT

1. P070-10Ex
2. User Manual
3. Remote Control
4. Power Adapter (DC 12V, 2A)
5. Protect Cover
6. Type 1: Touch-Sensor Buttons (wired) & Cable
 Type 2: Touch-Sensor Buttons (wireless)



2. INTRODUCTION

The Eyezone P070-10Ex is a digital signage that plays picture, music and video without a computer. It uses media files from CF, SD, MMC and MS (Pro) memory card and displays them on a 7" TFT-LCD with audio-out from the built-in speakers. It also has S-Video and Audio input as for the display.

Just press one of the touch-sensor buttons, and the Eyezone P070-10Ex will instantly display the corresponding file in the 7" TFT-LCD. The Eyezone P070-10Ex is an ideal Digital Signage Display solution for advertising, presentations, training, and other media applications.

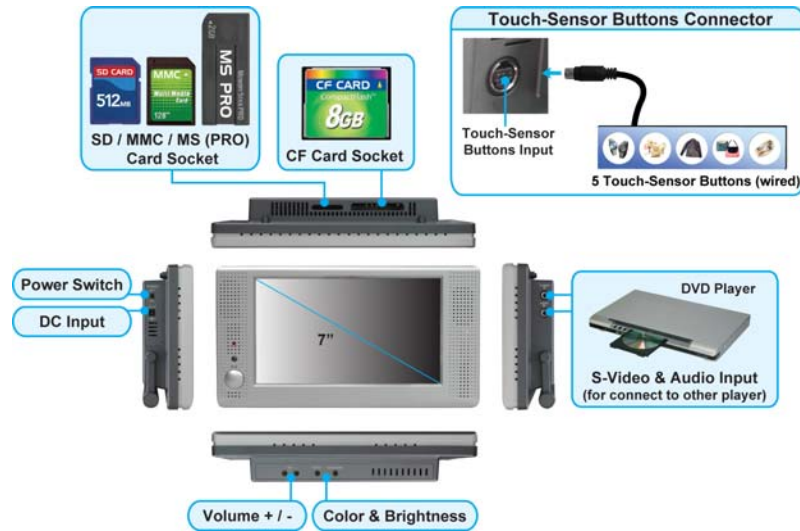
3. FEATURES

- Supports multiple file formats: Picture, Music and Video.
- Supports CF, SD, MMC and MS (Pro) memory card.
- Built-in 7" TFT-LCD display and stereo speakers.
- Supports S-Video and Audio input to connect to DVD player or video game player.
- External color and brightness adjustment control buttons.
- Includes a full-function infrared remote control.
- **Touch-Sensor Buttons:**
 - The number of touch-sensor buttons can be customized to 12, 24 or 36 for OEM project.
 - Used with various operating environment (glass, plastics and acrylic material, except metal material), the thickness supports 3mm ~5mm, and it can be customized to 5cm for OEM project.
 - Supports **Wired** and **Wireless** modes for transmit signal to the Eyezone P070-10Ex.
- Multi-Language OSD : English, French, German, Italian, Portuguese, Spanish, Netherlands, Japanese and Chinese.

3. FEATURES (continued)

- Supports SLIDE SHOW Function: With 14 kinds of transition effects.
- Supports SLIDE TIME (INTERVAL) Mode : Interval time with 1, 3, 5, 10, 30, 60 seconds.
- Supports MUSIC SLIDE Show : Music and pictures play at the same time.
- Supports ZOOM IN (ON) 4x & PAN, ROTATE, MIRROR, PREVIEW and REPEAT.

4. HARDWARE OVERVIEW

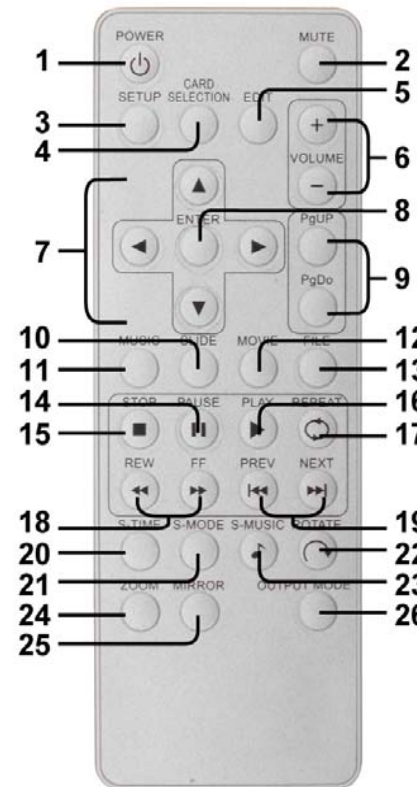


4.1 INSTALLING THE PROTECT COVER

- Insert your memory card with demo files to the socket on the P070-10Ex first.
- Cover the protect cover and use the two screws provided to fix it to the P070-10Ex.



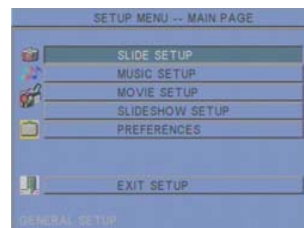
5. REMOTE CONTROL



- 1 Power on/ off
- 2 Mute sound
- 3 Open the setup menu
- 4 Memory card selection
- 5 Show the information of the file selected
- 6 Volume up/ down
- 7 Move the cursor
- 8 Confirm the selection/ entry
- 9 Go to the previous/ next page or image
- 10 Display all photo files
- 11 Display all music files
- 12 Display all movie files
- 13 Go to file library (all files)
- 14 Pause/ resume playback
- 15 Stop playback
- 16 Play the selected file
- 17 Select the repeat mode
- 18 Rewind/ forward movies
- 19 View the previous/ next file
- 20 Play the previous/ next file if in playback
- 21 Set the slideshow interval to 1, 3, 5, 10, 30, 60 seconds
- 22 Set the transition effect
- 23 Rotate photo 90 degrees clockwise on the screen
- 24 Play music and pictures at the same time
- 25 Zoom in the image up to 4x magnification
- 26 Mirror the image horizontally
- 27 Select the output mode

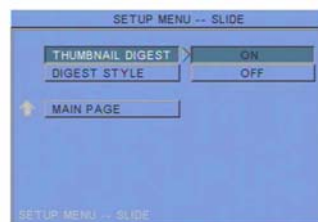
6. SETTING UP

- Press the “SETUP” button on the remote control to open the “SETUP MENU – MAIN PAGE” shown in the following figure. There are five groups of sub-menu in the setup menu.
- Use the “▲、▼、◀、▶” buttons to select an item or to adjust values, and use the “ENTER” button to go into the function or to confirm the command.



6.1 SLIDE SETUP

- **THUMBNAIL DIGEST** : Thumbnails load faster and allow you to browse photos easily.
- **DIGEST STYLE** : Choose the slide preview mode. (2x2 / 3x3)



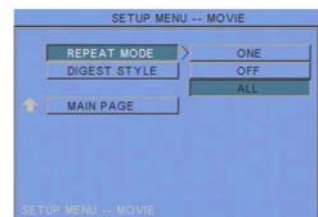
6.2 MUSIC SETUP

- **REPEAT MODE**
 - **ONE** : Repeat the selected song.
 - **ALL** : Repeat all the songs on the memory card.
 - **OFF** : Turn off the repeat function.



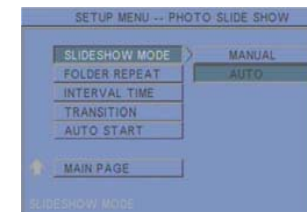
6.3 MOVIE SETUP

- **REPEAT MODE**
 - **ONE** : Repeat the selected movie.
 - **OFF** : Turn off the repeat function.
 - **ALL** : Plays all the movies on the memory card.
- **DIGEST STYLE** : Choose the movie preview mode. (2x2 / 3x3)



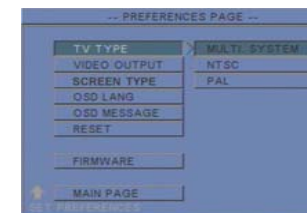
6.4 SLIDESHOW SETUP

- **SLIDESHOW MODE** : Set the slideshow to start automatically.
- **FOLDER REPEAT** : Set all files (picture, music or movie) in the folder to show only once or continuously (loop).
- **INTERVAL TIME** : Set the time each photo is shown to 1, 3, 5, 10, 30 or 60 seconds.
- **TRANSITION (EFFECT)** : Set the transition effect and auto slide with sequential or random playback.
- **AUTO START** : Enable/ disable auto playing media files on the memory card when the device is turned on.



6.5 PREFERENCE

- **TV TYPE**: Choose the TV TYPE.
 - **MULTI . SYSTEM** : Set the TV type automatically.
 - **NTSC**: Set the TV type to NTSC.
 - **PAL**: Set the TV type to PAL.
- **VIDEO OUTPUT** : Select the video output mode.
- **SCREEN TYPE** : Set the screen type to 16 : 9 or 4 : 3.
- **OSD LANG**: Select the OSD language (ENGLISH, FRENCH, GERMAN, ITALIAN, JAPANESE, PORTUGUESE, SPANISH and NEDERLANDS).
- **OSD MESSAGE**: Turn the OSD message function on/ off.
- **RESET**: Reset all settings to the original (factory) settings.
- **FIRMWARE** : New F/W can upgraded from the memory card.
 - **EDITION** : Show the F/W versions.
 - **UPDATE** : Used to update the F/W.

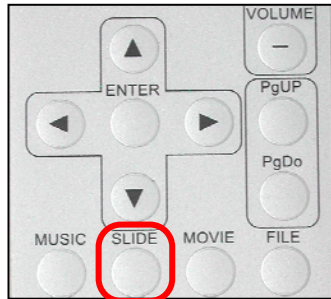


7. USING THE P070-10Ex

Copy files (music, picture and movie) to the memory card first.

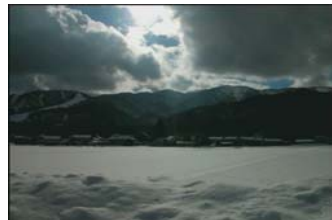
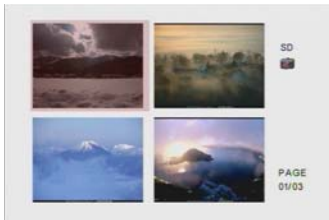
7.1 PLAY PICTURE FILE

Step 1: Press the “SLIDE” button on the remote control from any menu.



Step 2: The preview mode will show all the picture files on the memory card.

Use the “▲、▼、◀、▶” buttons to select the picture file, and press the “ENTER” button to play the picture file.

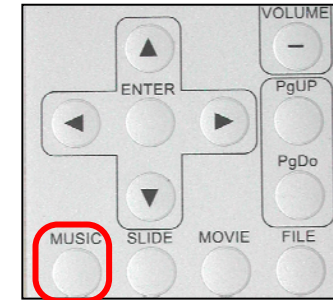


Step 3: If the “SLIDESHOW MODE” is disabled, press the “NEXT” button to play the next picture file, the “PREV” button to play the previous file.



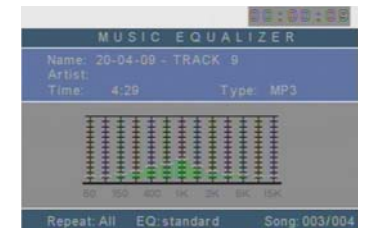
7.2 PLAY MUSIC FILE

Step 1: Press the “MUSIC” button on the remote control from any menu.



Step 2: The “MUSIC LIBRARY” will show all the music files on the memory card.

Use the “▲、▼” buttons to select the music file, and press the “ENTER” button to play the music file.



Step 3: Press the “NEXT” button to play the next music file, the “PREV” button to play the previous file.



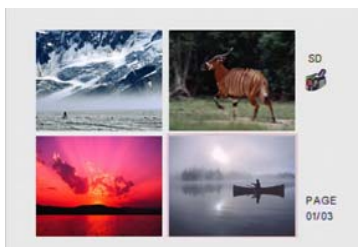
7.3 PLAY MOVIE FILE

Step 1: Press the “MOVIE” button on the remote control from any menu.



Step 2: The preview mode will show all the video files on the memory card.

Use the “▲、▼、◀、▶” buttons to select the movie file, and press the “ENTER” button to play the movie file.

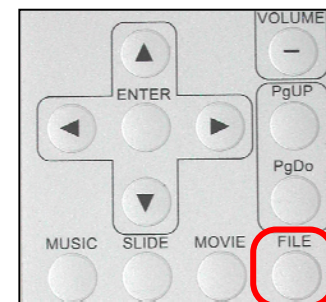


Step 3 : Press the “NEXT” button to play the next movie file, the “PREV” button to play the previous file.



7.4 FILE LIBRARY

Step 1 : Press the “FILE” button on the remote control from any menu.



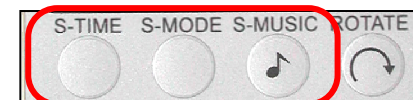
Step 2 : You can see all the files (including picture, music and movie) on the left panel of the “FILE LIBRARY”. Press the “▲、▼” buttons to select a file, and the information of the file will be shown on the right panel.



7.5 HOT KEY

You can use the “S-TIME”, “S-MODE” or “S-MUSIC” hot key on the remote control without selecting from the “Setup Menu”. (These functions are only used for playing picture files.)

- **S-TIME** : Interval time with 1, 3, 5, 10, 30, 60 seconds.
- **S-MODE** : With sequential, random auto slide shows etc 14 kind of selections
- **S-MUSIC** : Play the picture and music files at the same time.



8. USING THE TOUCH-SENSOR BUTTONS

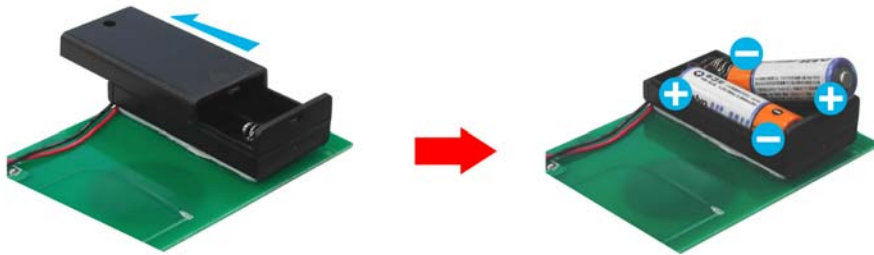
Ex. Using the 5 Touch-Sensor Buttons

8.1 DEMO FILES

- Name the 6 demo files (include 1 default file and 5 demo files) as 01_xxx.xxx – 06_xxx.xxx.
Default file: 01_xxx.xxx First file: 02_xxx.xxx Second file: 03_xxx.xxx
Third file: 04_xxx.xxx Fourth file: 05_xxx.xxx Fifth file: 06_xxx.xxx
- Put the 6 demo files in the memory card, and insert to the P070-10Ex.

8.2 CONNECT TO THE TOUCH-SENSOR BUTTONS

- **WIRED:** Connect the touch-sensor buttons (wired) to the connector on back of the P070-10Ex.
- **WIRELESS:** Open the battery cover and set the batteries (AA size) as shown below. Please note that the polarity of the battery.



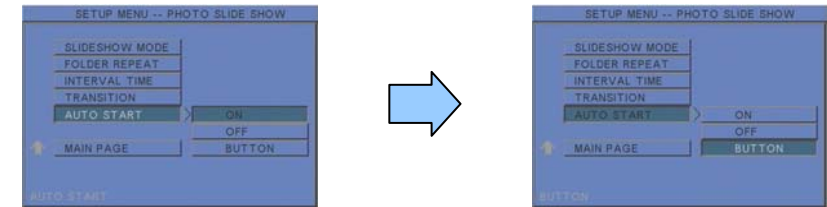
8.3 PLAY THE DEMO FILE

- Fix the P070-10Ex and external touch-sensor buttons (wired or wireless) in the showcase.



8.3 PLAY THE DEMO FILE (continued)

- Confirm the “BUTTON” function is enabled.
“SLIDESHOW SETUP” → “AUTO START” → “BUTTON”



- The P070-10Ex will play the default file automatically while power on. The P070-10Ex will play the default file repeatedly, if one of the 5 touch-sensor buttons is not being pressed.
- Touch one of buttons outside to play the corresponding file directly while playing file or demo file.

Press button 1 to play the file “02_ xxx.xxx”; Press button 2 to play the file “03_ xxx.xxx”
Press button 3 to play the file “04_ xxx.xxx”; Press button 4 to play the file “05_ xxx.xxx”
Press button 5 to play the file “06_ xxx.xxx”



- If the P070-10Ex finishes playing the demo file without having any buttons be pressed, it will resume playing the default file (01_xxx.xxx) automatically.

9. TROUBLESHOOTING

Situation	Check Point
No Picture	1. Check if the power supply is connected. 2. Make sure the P070-10Ex is turned on.
No response from the remote control	1. Make sure there is a clear view between the remote control and the device. 2. Change the remote control's batteries.
Memory card	1. Push cards gently and securely. 2. If the card does not insert easily, check the direction. 3. Confirm format of the card. The P070-10Ex supports CF, SD, MMC and MS (Pro) memory card.
No sound	1. Check if the mute function is on. 2. Check if the volume is turned up.
No Responding while pressing the touch – sensor buttons	1. Confirm the “BUTTON” function is enabled. (refer to 8.3) 2. Confirm the polarity of the battery. (only for wireless touch-sensor buttons)